

16/12/2008,10591108.trn

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASXY1626

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 14:21:58 ON 16 DEC 2008  
FILE 'CAPLUS' ENTERED AT 14:21:58 ON 16 DEC 2008  
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| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
|--|------------|---------|
|  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 16.83      | 739.63  |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | -2.40      | -3.20   |

=> file reg

| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
|--|------------|---------|
|  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 17.79      | 740.59  |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | -2.40      | -3.20   |

FILE 'REGISTRY' ENTERED AT 14:23:08 ON 16 DEC 2008  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 DEC 2008 HIGHEST RN 1084993-68-9  
DICTIONARY FILE UPDATES: 15 DEC 2008 HIGHEST RN 1084993-68-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

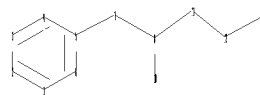
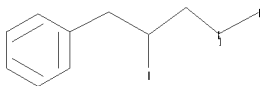
REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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=>

Uploading C:\Program Files\Stnexp\Queries\10591108.str



chain nodes :  
7 8 10 11 12 13  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
5-7 7-8 8-10 8-11 11-12 12-13  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
8-10 11-12 12-13  
exact bonds :  
5-7 7-8 8-11  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6

G1:C,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS

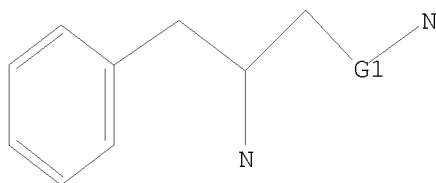
L19 STRUCTURE UPLOADED

=> d l19

L19 HAS NO ANSWERS

L19 STR

16/12/2008,10591108.trn



G1 C,S

Structure attributes must be viewed using STN Express query preparation.

=> s 119

SAMPLE SEARCH INITIATED 14:23:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2783 TO ITERATE

71.9% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

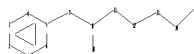
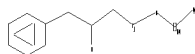
50 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 52496 TO 58824  
PROJECTED ANSWERS: 29043 TO 33797

L20 50 SEA SSS SAM L19

=>

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chain nodes :

7 8 10 11 12 13 14 15

ring nodes :

16/12/2008,10591108.trn

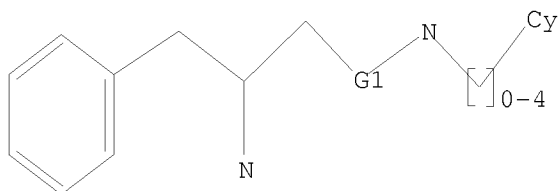
1 2 3 4 5 6  
chain bonds :  
5-7 7-8 8-10 8-11 11-12 12-13 13-14 14-15  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
8-10 11-12 12-13 13-14 14-15  
exact bonds :  
5-7 7-8 8-11  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6

G1:C,S

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom

L21 STRUCTURE UPLOADED

=> d 121  
L21 HAS NO ANSWERS  
L21 STR



G1 C,S

Structure attributes must be viewed using STN Express query preparation.

=> s 121  
SAMPLE SEARCH INITIATED 14:24:50 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2783 TO ITERATE

71.9% PROCESSED 2000 ITERATIONS 50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 52496 TO 58824  
PROJECTED ANSWERS: 17609 TO 21353

L22 50 SEA SSS SAM L21

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=> s l21 full

FULL SEARCH INITIATED 14:25:00 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 54445 TO ITERATE

100.0% PROCESSED 54445 ITERATIONS

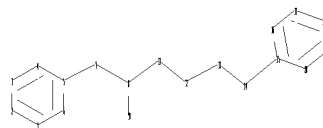
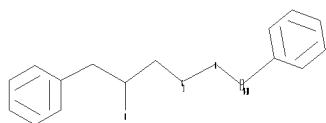
19367 ANSWERS

SEARCH TIME: 00.00.02

L23 19367 SEA SSS FUL L21

=>

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chain nodes :

7 8 10 11 12 13 14

ring nodes :

1 2 3 4 5 6 15 16 17 18 19 20

chain bonds :

5-7 7-8 8-10 8-11 11-12 12-13 13-14 14-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20

exact/norm bonds :

8-10 11-12 12-13 13-14

exact bonds :

5-7 7-8 8-11 14-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20

G1:C,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:CLASS 18:Atom  
19:Atom 20:Atom

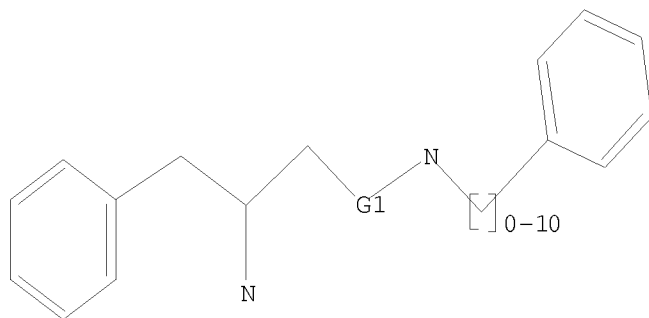
16/12/2008,10591108.trn

L24        STRUCTURE UPLOADED

=> d 124

L24 HAS NO ANSWERS

L24                STR



G1 C,S

Structure attributes must be viewed using STN Express query preparation.

=> s 124

SAMPLE SEARCH INITIATED 14:28:59 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        15255 TO ITERATE

13.1% PROCESSED        2000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*

BATCH    \*\*COMPLETE\*\*

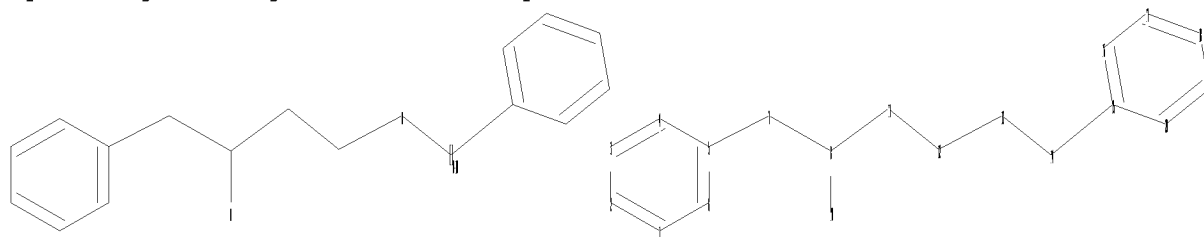
PROJECTED ITERATIONS:        297701 TO    312499

PROJECTED ANSWERS:            9721 TO        12551

L25                50 SEA SSS SAM L24

=>

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chain nodes :

16/12/2008,10591108.trn

7 8 10 11 12 13 14  
ring nodes :  
1 2 3 4 5 6 15 16 17 18 19 20  
chain bonds :  
5-7 7-8 8-10 8-11 11-12 12-13 13-14 14-15  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20  
exact/norm bonds :  
8-10 12-13 13-14  
exact bonds :  
5-7 7-8 8-11 11-12 14-15  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20

G1:C,S

Match level :

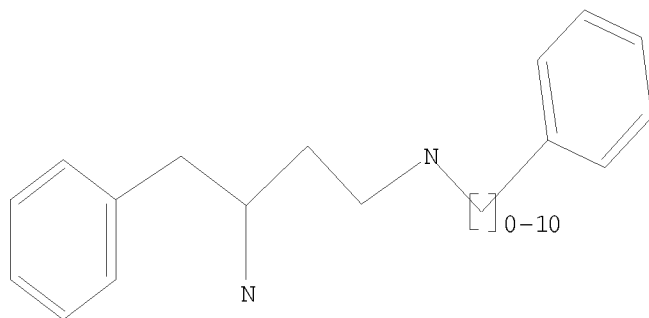
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:CLASS 18:Atom  
19:Atom 20:Atom

L26 STRUCTURE UPLOADED

=> d 126

L26 HAS NO ANSWERS

L26 STR



G1 C,S

Structure attributes must be viewed using STN Express query preparation.

=> s 126

SAMPLE SEARCH INITIATED 14:30:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1697 TO ITERATE

100.0% PROCESSED 1697 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

16/12/2008,10591108.trn

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 31469 TO 36411  
PROJECTED ANSWERS: 9912 TO 12768

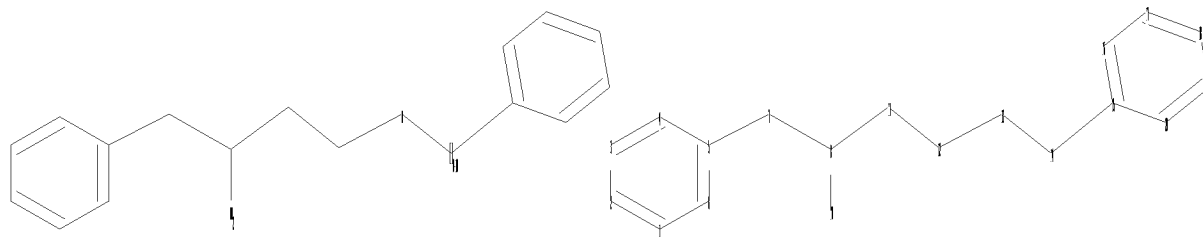
L27 50 SEA SSS SAM L26

=> s l26 full  
FULL SEARCH INITIATED 14:30:18 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 33564 TO ITERATE

100.0% PROCESSED 33564 ITERATIONS 11187 ANSWERS  
SEARCH TIME: 00.00.01

L28 11187 SEA SSS FUL L26

=>  
Uploading C:\Program Files\Stnexp\Queries\10591108d.str



chain nodes :  
7 8 10 11 12 13 14  
ring nodes :  
1 2 3 4 5 6 15 16 17 18 19 20  
chain bonds :  
5-7 7-8 8-10 8-11 11-12 12-13 13-14 14-15  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20  
exact/norm bonds :  
8-10 12-13 13-14  
exact bonds :  
5-7 7-8 8-11 11-12 14-15  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20  
isolated ring systems :  
containing 15 :

G1:C,S

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:CLASS 18:Atom  
19:Atom 20:Atom



16/12/2008,10591108.trn

L29        STRUCTURE UPLOADED

=> s 129

SAMPLE SEARCH INITIATED 14:31:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        1697 TO ITERATE

100.0% PROCESSED        1697 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*

BATCH    \*\*COMPLETE\*\*

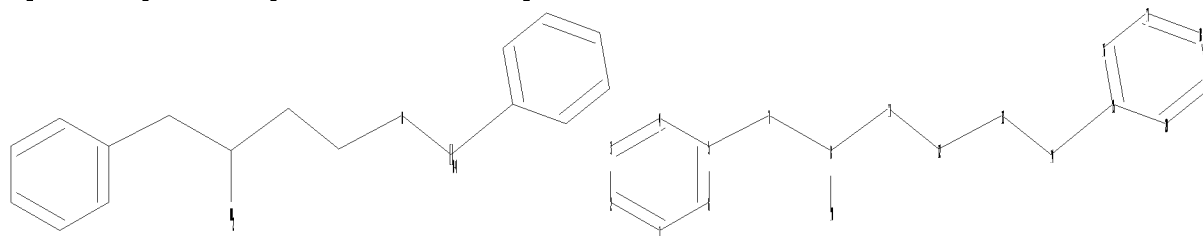
PROJECTED ITERATIONS:        31469 TO        36411

PROJECTED ANSWERS:            1674 TO        2966

L30            50 SEA SSS SAM L29

=>

Uploading C:\Program Files\Stnexp\Queries\10591108e.str



chain nodes :

7 8 10 11 12 13 14

ring nodes :

1 2 3 4 5 6 15 16 17 18 19 20

chain bonds :

5-7 7-8 8-10 8-11 11-12 12-13 13-14 14-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20

exact/norm bonds :

8-10 12-13 13-14

exact bonds :

5-7 7-8 8-11 11-12 14-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20

isolated ring systems :

containing 15 :

G1:C,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS

11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:CLASS 18:Atom

19:Atom 20:Atom

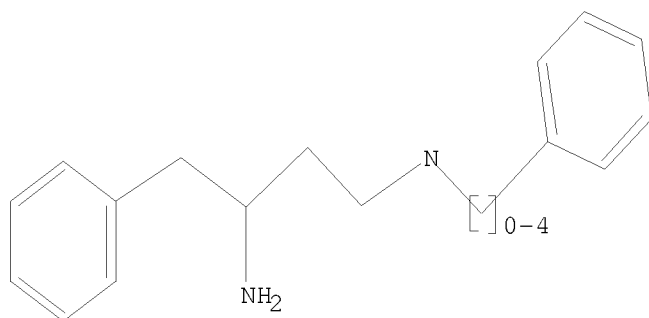
16/12/2008,10591108.trn

L31        STRUCTURE UPLOADED

=> d 131

L31 HAS NO ANSWERS

L31                STR



G1 C,S

Structure attributes must be viewed using STN Express query preparation.

=> s 131

SAMPLE SEARCH INITIATED 14:33:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        1697 TO ITERATE

100.0% PROCESSED        1697 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*

                         BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        31469 TO        36411

PROJECTED ANSWERS:            1674 TO        2966

L32                50 SEA SSS SAM L31

=> s 131 full

FULL SEARCH INITIATED 14:33:10 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -        33564 TO ITERATE

100.0% PROCESSED        33564 ITERATIONS

2334 ANSWERS

SEARCH TIME: 00.00.01

L33                2334 SEA SSS FUL L31

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

541.52

1282.11

16/12/2008,10591108.trn

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
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FILE COVERS 1907 - 16 Dec 2008 VOL 149 ISS 25  
FILE LAST UPDATED: 15 Dec 2008 (20081215/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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=> s 133

L34 155 L33

=> d ed abs ibib hitstr 100-155